

WE CLAIM:

CLAIMS

1. In a mobile wireless communications device, a method
5 for automatically broadcasting messages to a plurality of recipients, the
method comprising:

creating a message;

selecting message recipients; and,

10 broadcasting the message to the selected recipients via a
wireless communications network.

2. The method of claim 1 wherein creating a message
includes recording voice and text messages.

15 3. The method of claim 2 further comprising: selecting
recipients and recipient addresses from a preprogrammed recipient list.

4. The method of claim 3 further comprising:
selecting a schedule for broadcasting the message; and
20 selecting delivery options associated with broadcasting the
message.

5. The method of claim 4 wherein broadcasting the
message to the selected recipients via a wireless communications network
25 includes automatically broadcasting the message in response to a single
command to the wireless communications device.

6. The method of claim 5 wherein selecting recipients and recipient addresses from a preprogrammed recipient list includes selecting recipient addresses from the group including recipient telephones, voicemail boxes, and email and Internet addresses.

7. The method of claim 6 wherein selecting delivery options associated with broadcasting the message includes selecting: delivery status options; recipient message response options; and, recipient non-receipt options.

8. The method of claim 7 wherein selecting delivery status options includes selecting options from the group including identifying: recipient addresses receiving the message, recipient addresses with answering machines receiving the message, recipient addresses not accepting the message, and non-communicating recipient addresses.

9. The method of claim 8 wherein selecting recipient message response options includes selecting from the group including: accepting responses from the recipients, displaying the responses from the recipients, and storing the responses from the recipients in the wireless communications device.

10. The method of claim 9 wherein selecting recipient non-receipt options includes selecting from the group including: rebroadcasting

the message to recipient addresses not receiving the message, displaying a status message regarding recipient addresses not receiving the message, and doing nothing in response to recipient addresses not receiving the message.

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11. The method of claim 10 wherein instructing the wireless communications device to rebroadcast the message to recipient addresses not receiving the message includes selecting the number of rebroadcast attempts and the time between rebroadcast attempts.

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12. The method of claim 11 wherein selecting recipients and recipient addresses from a preprogrammed recipient list includes:
preprogramming the recipient list, the list including entries selected from the group including recipient names and addresses; and,
15 storing the recipient list.

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13. The method of claim 12 wherein recording voice and text messages includes:
establishing a plurality of message macros with blank fields;
20 wherein creating a message includes:
selecting a macro; and,
completing the blank fields in the macro.

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14. The method of claim 13 wherein recording voice and
25 text messages includes:
establishing a plurality of predetermined messages; and,

wherein creating a message includes selecting a message from the plurality of predetermined messages.

15 15. The method of claim 12 wherein creating a message includes downloading data and video messages into the wireless communications device from an interface port.

10 16. In a mobile wireless communications device, a method for automatically broadcasting messages to a plurality of recipients, the method comprising:

 preprogramming a recipient list of recipient names and addresses;

 storing the recipient list in the wireless communications device;

15 recording voice and text messages;

 selecting recipients, recipient telephones, voicemail systems, and email and Internet addresses from the recipient list;

 selecting delivery status options from the group including identifying: recipient addresses receiving the message, recipient addresses

20 with answering machines receiving the message, recipient addresses not accepting the message, and non-communicating recipient addresses;

 selecting recipient message response options from the group including: accepting responses from the recipients, displaying the responses from the recipients, and storing the responses from the

25 recipients in the wireless communications device; and,

selecting recipient non-receipt options from the group
including: rebroadcasting the message to recipient addresses not receiving
the message, displaying a status message regarding recipient addresses
not receiving the message, and doing nothing in response to recipient
5 addresses not receiving the message.

17. In a mobile wireless communications device, a system
for automatically broadcasting messages to a plurality of recipients, the
system comprising:
10 a message memory with an output to supply messages for
broadcasting;
a recipient memory with an output to supply selected
recipient names and addresses;
a broadcast circuit having an input to accept messages from
15 the message memory, an input to accept selected message recipients from
the recipient memory, and an output to supply a broadcast message for a
plurality of selected recipients; and,
a transceiver having an input to accept the broadcast
message and an output to transmit the broadcast message via an airlink
20 interface.

18. The system of claim 17 further comprising:
a wireless communications device user interface; and,
wherein the message memory has an input to accept voice
25 and text broadcast messages from the user interface.

19. The system of claim 18 wherein the recipient memory has an input connected to the user interface to accept selections of stored recipient names and addresses, the addresses selected from the group including recipient telephones, voicemail boxes, and email and Internet addresses.

20. The system of claim 19 wherein the broadcast circuit includes an input to accept broadcast schedule selections and broadcast delivery option selections including delivery status options, recipient message response options, and recipient non-receipt options from the user interface.

21. The system of claim 20 wherein the broadcast circuit accepts a broadcast command signal from the user interface for initiating broadcast of the broadcast message.

22. The system of claim 21 wherein the broadcast circuit establishes compliance instructions for the recipient addresses in response to the broadcast delivery option selections.

23. The system of claim 22 wherein the broadcast circuit supplies the compliance instructions with the broadcast message in response to the broadcast schedule selections.

24. The system of claim 23 wherein the transceiver receives recipient return information via the airlink interface responsive

to the compliance instructions and has an output to supply the recipient return information to the broadcast circuit; and,

wherein the broadcast circuit has an input to accept the recipient return information from the transceiver.

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25. The system of claim 24 wherein the broadcast circuit:
determines notification information to be supplied to the user interface and additional selection information required in response to the recipient return information;

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includes an output to supply notification information and requests for additional selection information to the user interface; and,
accepts selections from the user interface responsive to the requests for additional selection information.

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26. The system of claim 25 wherein the broadcast circuit accepts delivery status options from the user interface selected from the group including identifying: recipient addresses receiving the message, recipient addresses with answering machines receiving the message, recipient addresses not accepting the message, and non-communicating
20 recipient addresses.

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27. The system of claim 26 wherein the broadcast circuit accepts recipient message response options from the user interface selecting from the group including: accepting responses from the
25 recipients, displaying the responses from the recipients, and storing the responses from the recipients in the wireless communications device.

28. The system of claim 27 further comprising:
a response memory with an input to accept recipient
responses from the broadcast circuit for storage and an output to supply
5 stored responses to the user interface.

29. The system of claim 28 wherein the broadcast circuit
accepts recipient non-receipt options from the user interface selected from
the group including: rebroadcasting the broadcast message to recipient
10 addresses not receiving the broadcast message, displaying a status
message regarding recipient addresses not receiving the broadcast
message, and doing nothing in response to recipient addresses not
receiving the broadcast message.

30. The system of claim 29 wherein the broadcast circuit
accepts selections from the user interface regarding the number of
rebroadcast attempts and the time between rebroadcast attempts.

31. The system of claim 30 wherein the recipient memory
20 accepts recipient names and addresses from the user interface for storage.

32. The system of claim 31 wherein the message memory
includes a plurality of broadcast message macros with blank fields; and,
wherein the message memory accepts commands from the
25 user interface for selecting from the plurality of broadcast message macros
stored in the message memory and for populating the blank fields.

33. The system of claim 31 wherein the message memory includes a plurality of predetermined broadcast messages in storage and accepts predetermined broadcast message selection commands from the user interface.

34. The method of claim 31 wherein the message memory accepts data and video message downloads from the user interface.

35. In a mobile wireless communications device, a system for automatically broadcasting messages to a plurality of recipients, the system comprising:

a wireless communications device user interface;

a message memory with an input to accept voice and text messages from the user interface and an output to supply a broadcast message;

a recipient memory with an input connected to the user interface to accept selections of recipient names and recipient addresses and an output to supply selected recipient names and addresses;

a broadcast circuit with an input to accept the broadcast message from the message memory, an input to accept the selected recipient names and addresses from the recipient memory, an input to accept broadcast schedule selections, broadcast delivery option selections, and a broadcast command signal from the user interface, and an output to supply the broadcast message to the selected recipient addresses; and,

a transceiver with an input to accept the broadcast message
and selected recipient addresses from the broadcast circuit.

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